

Samuel Olubukun

Full Stack AI/ML Engineer

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EDUCATION

Bingham University (4.72/5.00) **Karu, Nasarawa State, NIG**
Bachelor of Science, Major in Computer Science. **2021 – 2025**

EXPERIENCE

Full Stack AI/ML Engineer **Apr 2025 – Present**
The Nnitiwe Hub **Abuja, NIG**

- Engineered code-based solutions while collaborating with team members to solve complex technical problems.
- Implemented technical solutions and AI workflows through hands-on research, documentation, and digital innovation.

Junior ML Engineer **Feb 2025 – Aug 2025**
OMDENA **Remote**

- Contributed as a Junior ML Engineer in the HOTSM: 3D Imagery Analysis & Segmentation AI Innovation Challenge

Quality Assurance Tester **Aug 2024 – Dec 2024**
AfricanStreams **Remote**

- Executed full-stack quality assurance (QA) for the Africanstreams platform, covering admin and client interfaces, and led defect management to enhance performance and reliability.

Information Technology Support Specialist **Apr 2024 – Sept 2024**
Digital Bridge Institute **Abuja, NIG**

- Provided technical support and troubleshooting services for hardware, software, and networking issues.
- Earned CCNA certification while developing proficiency in data analytics, visualization, and statistical analysis.

TECHNICAL SKILLS

Languages: Python, JavaScript, TypeScript, PHP, Java, SQL, HTML/CSS.
Frameworks: : React, Next.js, Node.js, Express.js, FastAPI, Flask, Django, Tailwind CSS, Bootstrap.
AI & Data Science: Generative AI (LLMs), Deep Learning, Predictive Modeling, NLP, Computer Vision, Prompt Engineering, Gemini, OpenAI, LangChain, TensorFlow, PyTorch, Scikit-learn, Hugging Face.
Libraries: Git, GitHub, Docker, Google Cloud Platform (GCP), MongoDB, PostgreSQL, MySQL, VS Code, Jupyter Notebook.

Certifications

- DataCamp AI Engineer for Developers (2026)
- DataCamp AI Engineer for Data Scientists Associate (2026)
- DataCamp Data Engineer Associate (2026)
- Oracle Cloud Infrastructure Data Science Professional (2025)
- Oracle Cloud Infrastructure Generative AI Professional (2025)
- Oracle Cloud Infrastructure AI Foundations Associate (2025)
- WorldQuant University Applied AI & Data Science Labs (2025)
- freeCodeCamp Machine Learning & Data Analysis (2024)

PROJECTS

Restoir Health | *Next.js, React, TailwindCSS, Gemini Vision, Convex, Stack Auth, Node.js* **Nov 2025 – Present**

- Built an AI platform using Next.js to detect and analyze acne, eczema and various skin conditions.
- Integrated dermatology-grade AI analysis with personalized skincare routines and specific product recommendations.

Mentora | *Python, FastAPI, LiveKit, Deepgram, OpenAI, Prisma, TailwindCSS* **Oct 2025 – Present**

- Developed an AI voice coach using FastAPI and LiveKit for high-stakes communication training.
- Integrated Deepgram and OpenAI to provide real-time voice interaction and deep performance analytics.

Socially | *Next.js, Clerk Auth, Prisma, PostgreSQL, UploadThing, TailwindCSS, ShadcnUI* **Mar 2025 – Apr 2025**

- Built a full-stack social media app with real-time features like posts, likes, comments, and notifications.
- Enhanced user experience with seamless media uploads, modern UI styling, and optimized interactions.

Vocal Vista | *Next.js, TypeScript, Deepgram, Google Gemini, Convex* **Sep 2025 – Nov 2025**

- Developed an AI voice coach using Gemini and Convex for real-time feedback and synchronized coaching modes.

CareerProfile Gem | *Wasp, React, TypeScript, Prisma, Google Gemini*

Sep 2025 – Oct 2025

- Built an AI assistant using Wasp and Gemini to generate professional resumes and cover letters.
- Supports AI generation, manual editing, and PDF import with Stripe-integrated credit management.

Meerahzz Bridals | *PHP, HTML, CSS, JavaScript, MySQL, Paystack*

Aug 2024 – Dec 2024

- Developed an elegant bridal eCommerce platform using PHP, featuring categorized listings, real-time cart updates, and integrated Paystack payment processing.

Ecommerce Platform | *MongoDB, Express.js, React.js, Node.js, Braintree*

July 2024 – Sep 2024

- Developed a deployable MERN e-commerce platform featuring product management, user authentication, and secure payment processing integrated with Braintree for seamless customer transactions.

Rag Document Chatbot | *Python, Streamlit, LangChain, Cohere LLM, FAISS, HuggingFace*

Dec 2024 – Jan 2025

- Developed a RAG-based document Q&A system using LangChain, FAISS, and Cohere to extract text and provide efficient automated answers.